Gluski Andres Form 4 April 04, 2012

FORM 4

OMB APPROVAL

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

OMB Number: 3235-0287

if no longer subject to Section 16. Form 4 or

Check this box

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

Expires:

2005

GES IN BENEFICIAL OWNERSHIP OF SECURITIES

Estimated average burden hours per response... 0.5

Form 4 or Form 5 obligations may continue. See Instruction

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person ** Gluski Andres			2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer			
			CLIFFS NATURAL RESOURCES INC. [CLF]	(Check all applicable)			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year)	X Director 10% Owner Officer (give title Other (specify			
200 PUBLIC SQUARE, SUITE 3300			04/02/2012	below) below)			
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
			Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person _ Form filed by More than One Reporting			
CLEVELAND, OH 44114				Person			
(City)	(State)	(Zip)					

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2. Transaction Date	2A. Deemed	3.	4. Securitie	es Acq	uired (A)	5. Amount of	6.	7. Nature of
(Month/Day/Year)	Execution Date, if	Transaction	omr Dispose	d of (I))	Securities	Ownership	Indirect
	any	Code	(Instr. 3, 4	and 5)		Beneficially	Form:	Beneficial
	(Month/Day/Year)	(Instr. 8)				Owned	Direct (D)	Ownership
						Following	or Indirect	(Instr. 4)
				(4)		Reported	(I)	
						Transaction(s)	(Instr. 4)	
		Codo V	Amount		Drigo	(Instr. 3 and 4)		
		Code v	Amount	(D)				
03/01/2012		A(1)	86.6301	A	\$ 69.26	2,834.3037	D	
	(Month/Day/Year)	2. Transaction Date (Month/Day/Year) 2A. Deemed Execution Date, if any (Month/Day/Year)	2. Transaction Date (Month/Day/Year) 2A. Deemed 3. Execution Date, if any Code (Month/Day/Year) (Instr. 8)	2. Transaction Date (Month/Day/Year)	2. Transaction Date (Month/Day/Year) 2. Transaction Date (Month/Day/Year) Execution Date, if any (Month/Day/Year) (Month/Day/Year) (Month/Day/Year) (A) or Code V Amount (D)	2. Transaction Date (Month/Day/Year) Execution Date, if any (Month/Day/Year) (Month/Day/Year) (Month/Day/Year) (Instr. 8) 2. Transaction Date (A) (Instr. 3, 4 and 5) (Instr. 8) (A) (A) (Code V Amount (D) Price (Day/O1/2012)	2. Transaction Date (Month/Day/Year) 2A. Deemed (Month/Day/Year) Execution Date, if any (Month/Day/Year) (Month/Day/Year) (Month/Day/Year) (Month/Day/Year) (Month/Day/Year) (Instr. 8) (Instr. 8) (A)	(Month/Day/Year) Execution Date, if any (Month/Day/Year) (Instr. 8) Code (Instr. 3, 4 and 5) Execution Date, if any (Month/Day/Year) (Instr. 8) Code (Instr. 3, 4 and 5) Executities Beneficially Form: Owned Direct (D) Following or Indirect Reported (I) Transaction(s) (Instr. 3 and 4) (Instr. 3 and 4) O3/01/2012 A(1) 86 6301 A \$ 2 834 3037 D

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

SEC 1474

(9-02)

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

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	2.	3. Transaction Date		4.	5.	6. Date Exerc		7. Titl		8. Price of	9. Nu
Derivative Security (Instr. 3)	Conversion or Exercise Price of Derivative Security	(Month/Day/Year)	Execution Date, if any (Month/Day/Year)	Transact Code (Instr. 8)	orNumber of Derivativ Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	:		Amou Under Securi (Instr.	lying	Derivative Security (Instr. 5)	Deriv Secur Bene Own Follo Repo Trans (Instr
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
Gluski Andres 200 PUBLIC SQUARE SUITE 3300 CLEVELAND, OH 44114	X						

Signatures

/s/ Carolyn E. Cheverine By Power of
Attorney

**Signature of Reporting Person

Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- Reflects number of Common Shares credited to the account of the Reporting Person in a payment of the Reporting Person's required (1) quarterly retainer for the second quarter under the Cliffs Natural Resources Inc. Nonemployee Directors' Compensation Plan. Full shares earned pursuant to the Plan in 2012 will be issued effective January 1, 2013.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

Reporting Owners 2